

Science Plus

Improving Science Education through Professional Development and Research

Summer 2012—FINAL YEAR!

Graduate Course for 4th -12th Grade Teachers of Science

Join fellow teachers and BYU professors with expertise in science education, educational technology, geology, and biology for an integrated course in content and pedagogy.

You have two exciting courses from which to choose!

ELED 515R or ScED 515R Special Topics:

Learning & Teaching Through Science Inquiry—The Colorado Plateau
OR

Learning & Teaching Through Science Inquiry: The Great Basin



Two spring sessions—April 28th and May 12th (Attendance at both is required.)

Field Experience—

- Great Basin —June 4-9 (Shared air-conditioned motel rooms at 3 locations across Great Basin.)
- Colorado Plateau—June 18-23. (Shared air-conditioned motel rooms at locations across the Colorado Plateau.)

Three fall sessions—Sept 29th, October 27th, and December 1st. (Attendance at all 3 is required.)

Information:

- Each course is 3 graduate credits. (You may sign up for only one course per summer.) Registration through BYU Continuing Education is required. Tuition is free, but a \$90 fee is charged for posting credits.
- Teachers receive a \$400 stipend at the successful completion of the course.
- Our grant covers travel expenses from Provo to each field location in BYU motor pool vans, motel room (double occupancy—two beds), and provides books and materials for participants.
- Participants are responsible for their own meals and incidental expenses during the field experience.

Highlights:

- Spring sessions will prepare you in all aspects of full science inquiry needed for participation in the summer field experience.
- During the field experience, you will work in small research groups facilitated by professors in order to accomplish a complete field investigation.
- Fall sessions will focus on developing, teaching, and reflecting on two lessons that will engage your students in the process of full science inquiry.

Enrollment is limited to 25 educators per course. We encourage school teams of three or more applicants as well as individual applicants to apply. Participants will be asked to contribute to our ongoing research by completing several questionnaires, an interview, and allowing classroom observations. For more information and the application form, please visit our web site: scienceplus.byu.edu or email Dr.

Pamela Cantrell, pamela_cantrell@byu.edu.

Applications due by April 14, 2012

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Title II Math Science Partnership Funds